

FIG. 1A

TTGTCTGAAG TCGAATTTAG CCACGAATAC TGGATGCGTC ACGCGCTGAC
 GCTGGCGAAA CGTGCCTGGG ATGAGGGGAA GTGCCGGTCG GCGCGGTATT
 AGTGCAATAC AATCGGGTAA TCGGCGAAGG CTGGAACCGC CCGATTGGTG
 CCATGATCCC ACCGCACATG CAGAAATCAT GGCCCTGCGG CAGGTGGTC
 TGGTGATGCA AAATTATCGT CTGTCGACGC CACGTTGTAT GTCACGCTTG
 AACCATGTGT AATGTGTGCC GGAGCGATGA TCCACAGTCG CATTGGTGCG
 TGGTCTTTGG TCGCGGTGAC GCGAAAACTG GCGCTGCGG ATCTTTAATG
 GATGTGCTGC ATCATCCGGG TTGAATCACC GAGTGGAAT TACGGAAGGA
 ATACTGGCGG ATGAGTGCGC GCGTTGCTC AGTGACTTCT TTCGCTGCGC
 CGCCAGGAAA TTAAAGCGCA GAAAAAGCG CAATCCTCGA CGGATTAA

FIG. 1B

MSEVEFSHEY WMRHALTLAK RAWDEREVPV GAVLVHNNRV IGEWNRPIG
 RHPTAHAEIM ALRQGGLVMQ NYRLIDATLY VTLEPCVMCA GAMIHSRIGR
 VVFGARDAKT GAAGSLMDVL HHPGMNHRVE ITEGILADEC AALLSDFFRM
 RRQEIKAQKK AQSSTD

FIG. 2

MRRAFITGVF FLSEVEFSHE YWMRHALTLA KRAWDEREVP VGAVLVHNNR
VIGEGWNRPI GRHDPTAHAE IMALRQGGLV MQNYRLIDAT LYVTLEPCVM
CAGAMIHSRI GRVVFEGARDA KTGAAGSLMD VLHHPGMNHR VEITEGILAD
ECAAALLSDF RMRRQEIKAQ KKAQSSTD

FIG. 3A

ATGCGCCGCG CTTTATAAC CGGAGTTTTC TTTTGTCTG AAGTCGAATT
TAGCCACGAA TACTGGATGC GTCACGCGCT GACGCTGGCG AAACGTGCCT
GGGATGAGCG GGAAGTGCCG GTCGGCGCGG TATTAGTGCA TAACAATCGG
GTAATCGCGG AAGGCTGGAA CCGCCCGATT GGTGCCCATG ATCCCACCGC
ACATGCAGAA ATCATGGCCC TCGGCGAGGG TGGTCTGGTG ATGCAAAATT
ATCGTCTGAT CGACGCCACG TTGTATGTCA CGTTGAACC ATGTGTAATG
TGTGCCGGAG CGATGATCCA CAGTCGCATT GGTGCGTGG TCTTTGGTGC
GCGTGACGCG AAAACTGGCG CTGCGGGATC TTTAATGGAT GTGCTGCATC
ATCCGGGTAT GAATCACCGA GTGGAATTA CGGAAGGAAT ACTGGCGGAT
GAGTGCGCGG CGTTGCTCAG TGACTTCTTT CGCATGCGCC GCCAGGAAAT
TAAAGGCAG AAAAAAGCGC AATCCTCGAC GGATTAA

FIG. 3B

MRRAFITGVF FLSEVEFSHE YWMRHALLTA KRAWDEREVP VGAVLVHNNR
VIGEGWNRPI GRHDPTAHAE IMALRQGGLV MNYRLIDAT LYVTLEPCVM
CAGAMIHSRI GRVVFGARDA KTGGAAGSLMD VLHHPGMNHR VEITEGILAD
ECAALLSDFE RMRRQEIKAQ KKAQSSTD

FIG. 4A

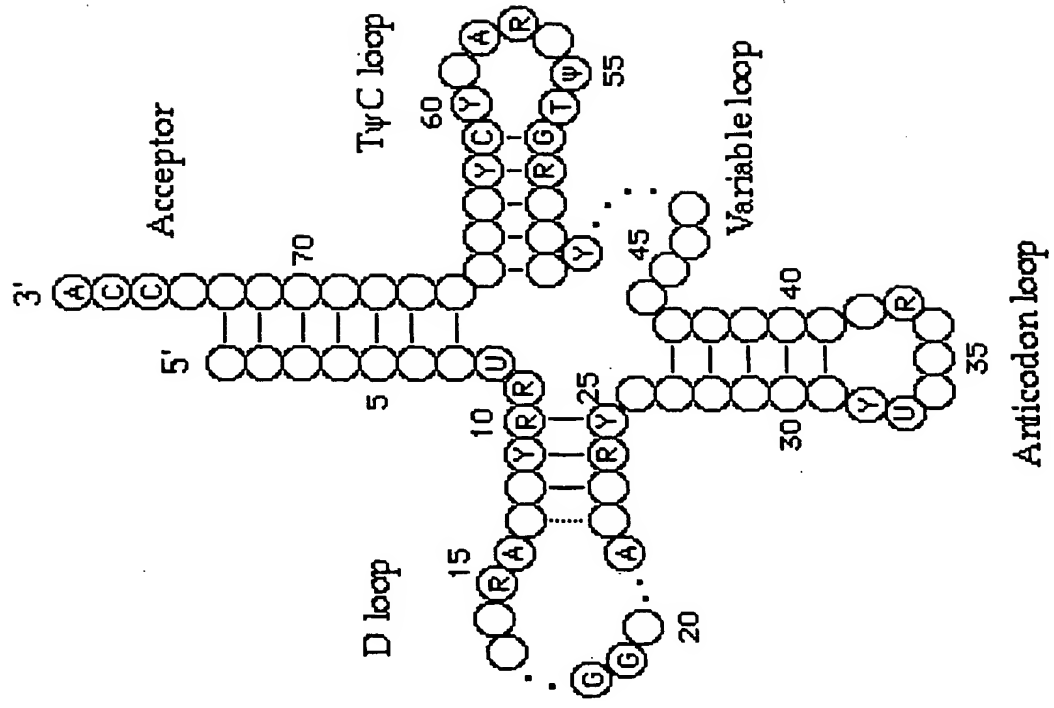


FIG. 4B

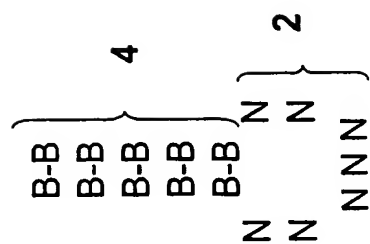


FIG. 5

Organism	Nucleotide Sequence of tRNA ^{Arg} (ACG) Gene (predicted using tRNAscan-SE program)
<i>E. coli</i> O157:H7	GCATCCGCTAGCTCAGCTGGATAGAGTACTCGGCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCCCGGATGCACCA
<i>Y. pestis</i>	GCACCATAGCTCAGCTGGATAGAGTACTCGGCTACGAACCGAGCGGTGCGAAGTTTCGAATCTTCTGGGTGCACCA
<i>V. cholerae</i>	GCACCATAGCTCAGCTGGATAGAGTACTCGGCTACGAACCTGAGCGGTGCGAAGTTTCGAATCTTCTGGGTGCACCA
	GCGTCGCTAGCTCAGCTGGATAGAGTACCTGCTCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCTCGGACGCGCCA
	GCGTCGCTAGCTCAGCTGGATAGAGTACCTGCTCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCTCGGACGCGCCA
<i>H. influenza</i> Td	GCACCGTAGCTCAGCTGGATAGAGTACTCGGCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCTCGGGTGCGCCA
	GCACCGTAGCTCAGCTGGATAGAGTACTCGGCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCTCGGGTGCGCCA
<i>P. aeruginosa</i>	GCACTCATAGCTCAGCTGGATAGAGTACTCGGCTACGAACCGAGCGGTGCGAGGTTTCGAATCCTCTCGGGTGCGCCA
	GGTCGATAGCTCAGCTGGATAGAGCAACCATCCACGAATGGTCTGTGCGGGTTTCGACTCCCGCTCGAACGT
<i>N. meningitidis</i> MC58	GCACCCGTAGCTCAGTTGGATAGAGTATCTGGCTACGAACCGAGGGTTCGGGCGTTTCGAATCGCTCCGGGTGCGCCA
<i>C. pneumoniae</i> AR39	GCACAGTAGCTCAGTCGGATAGAGTACCTGGCTACGAACCGAGGTGGTTCAGAGGTTTCGAGTCTCTCTGGTGCG
<i>C. trachomatis</i>	GCACAGTAGCTCAGTCGGATAGAGTACCTGGCTACGAACCGAGGTGGTTCAGAGGTTTCGAATCCTCTCTGGTGCG
<i>M. tuberculosis</i> CDC1551	GCGCCCGTAGCTCAACGGATAGAGTCTGACTACGGATCAGAGGTTTCGAGGTTTCGAATCTCTCTCGGGCGCG
<i>M. leprae</i>	GCGCCCGTAGCTCAACGGATAGAGTCTGACTACGGATCAGAGGTTTCGAGGTTTCGAATCCTCTCTCGGGCGCG
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> Mu50	GCGCCCGTAGCTCAATTGGATAGAGCGTTTCTGACTACGGATCAAGAGGTTATGGGTTTCGACTCCTATCGGGCGCG
	GCGCCCGTAGCTCAATTGGATAGAGCGTTTCTGACTACGGATCAAGAGGTTATGGGTTTCGACTCCTATCGGGCGCG
<i>Streptococcus pyogenes</i> MGAS8232	GCACCCCTTAGCTCAACTGGATAGAGTACCTGACTACGAATCAGGCGGTTCGAGGTTTCGACTCCTCTAGGGTGCATCA
<i>S. pneumoniae</i> TIGR4	GCACCCCTTAGCTCAACTGGATAGAGTACCTGACTACGAATCAGGCGGTTCGAGGTTTCGACTCCTCTAGGGTGCA

FIG. 6

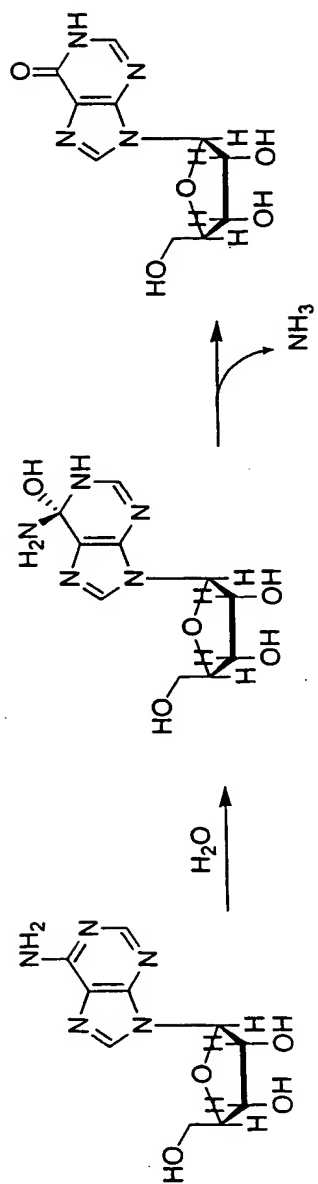


FIG. 7

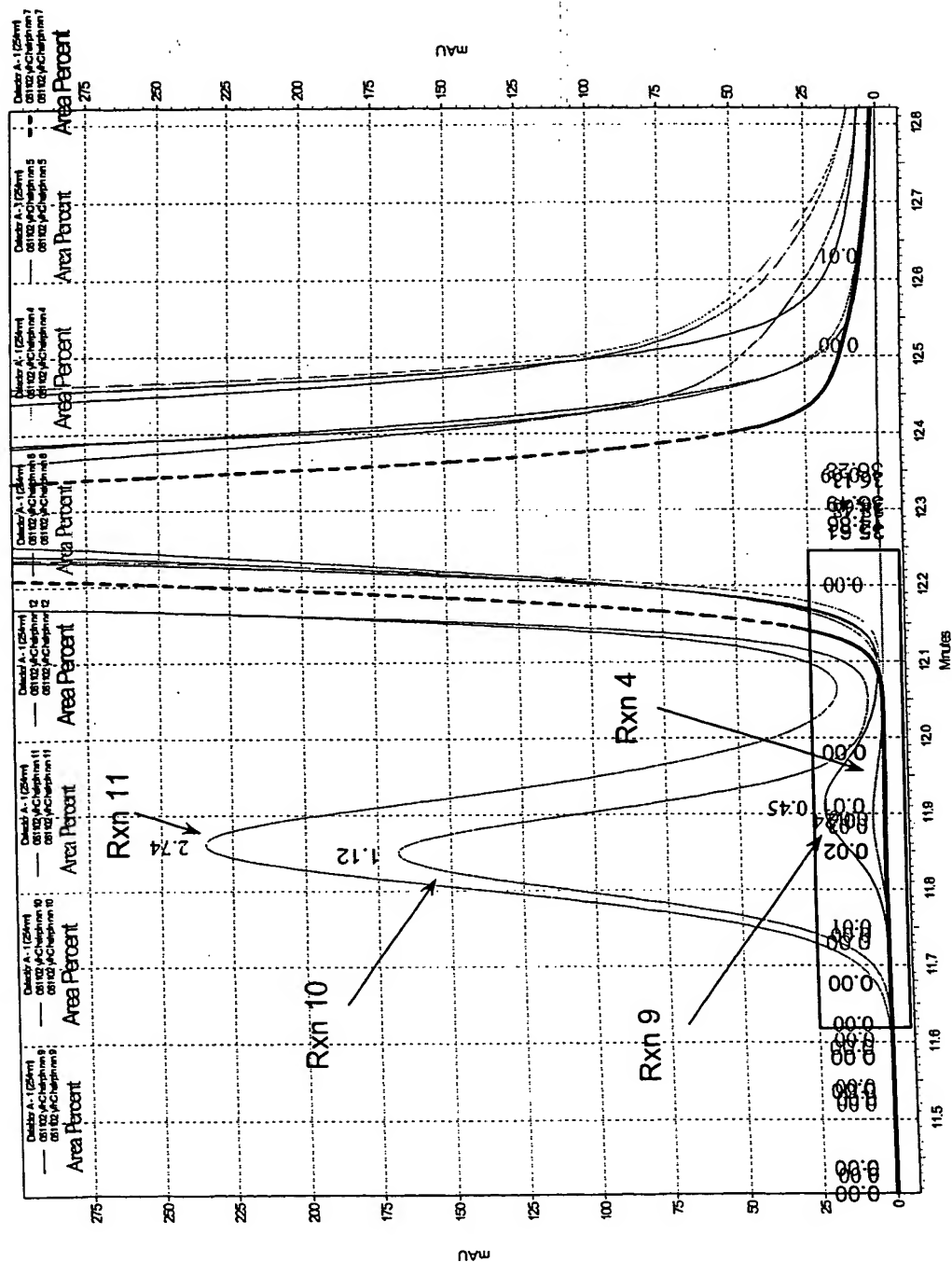


FIG. 8

